



A BILL FOR AN ORDINANCE

RELATING TO STREET LIGHTING.

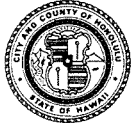
BE IT ORDAINED by the People of the City and County of Honolulu:

SECTION 1. Purpose. The purpose of this ordinance is to amend the requirements for City or City-approved street lighting fixtures to minimize light pollution and glare.

SECTION 2. Section 2-12.2, Revised Ordinances of Honolulu 1990, is amended to read as follows:

“Sec. 2-12.2 Street lighting to be energy [efficient.] efficient and minimize light pollution.

- (a) All new and replacement municipal street lighting fixtures installed by the department of transportation services from July 1, 1992, shall equal or exceed the energy efficiency of low-pressure sodium lighting fixtures, unless waived by the director of transportation services in accordance with rules adopted pursuant to HRS Chapter 91.
- (b) All new and replacement municipal street lighting fixtures installed by the department of transportation services from July 1, 2013, shall be full-cutoff or semi-cutoff lighting fixtures. This subsection shall not apply to any street lighting fixture that is existing and legally installed, or planned and approved by the department of transportation services prior to July 1, 2013; provided that any street lighting fixture exempt under this subsection that subsequently becomes inoperable shall be replaced with a full-cutoff or semi-cutoff street lighting fixture that provides illumination and uniformity equal to or better than the recommendations of the Illuminating Engineering Society of North America; provided further that if the appropriate fixture for the existing light pole spacing is not available, a non-complying fixture that meets the illumination and uniform design criteria of the Illuminating Engineering Society of North America shall be allowed.
- (c) For the purposes of this section, the following definitions shall apply:
 - (1) “Full-cutoff” means the street lighting fixture is constructed so that all of the light emitted by the fixture is projected below the horizontal plane of the lowest point of the fixture.



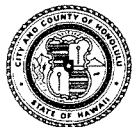
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- (2) "Semi-cutoff" means the street lighting fixture is constructed so that at least ninety percent of the light emitted by the fixture is projected below the horizontal plane of the lowest point of the fixture.
- (3) "Street lighting fixture" means an outdoor artificial lighting device, fixture, lamp, or other similar device that is intended to provide illumination for visibility on city or city-approved streets and roadways."

SECTION 3. Section 22-2.3, Revised Ordinances of Honolulu 1990 ("Installation and energizing of street lighting system"), is amended by amending subsection (a) to read as follows:

- "(a) Street lights, together with the related apparatus and appliances, shall be installed in accordance with the standard specifications of the department, which incorporate and supplement the standard specifications of the Illuminating Engineering Society of America on file in the department. Street lighting fixtures shall further meet the energy efficiency and light pollution standards provided in Section 2-12.2."

SECTION 4. Ordinance material to be repealed is bracketed and new material is underscored. When revising, compiling or printing this ordinance for inclusion in the Revised Ordinances of Honolulu, the revisor of ordinances need not include the brackets, the bracketed material or the underscoring.



CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

ORDINANCE _____

BILL 71 (2012)

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SECTION 5. This ordinance shall take effect upon approval.

INTRODUCED BY:

M. L. A. (8/2)

DATE OF INTRODUCTION:

OCT 25 2012
Honolulu, Hawaii

Councilmembers

APPROVED AS TO FORM AND LEGALITY:

Deputy Corporation Counsel

APPROVED this _____ day of _____, 20____.

PETER B. CARLISLE, Mayor
City and County of Honolulu